

Title (en)

METHOD AND CONTACT LATCHING SYSTEM FOR TEMPORARILY PRIMARILY LATCHING ELECTRICAL CONTACTS IN PLUG CONNECTIONS

Title (de)

VERFAHREN UND KONTAKTVERRASTUNGSSYSTEM ZUR TEMPORÄREN PRIMÄRVERRASTUNG VON ELEKTRISCHEN KONTAKTEN IN STECKVERBINDUNGEN

Title (fr)

PROCÉDÉ ET SYSTÈME D'ENCLIQUETAGE DE CONTACTS PERMETTANT L'ENCLENCHEMENT PRIMAIRE TEMPORAIRE DE CONTACTS ÉLECTRIQUES DANS DES CONNEXIONS PAR ENFICHAGE

Publication

EP 2666209 A1 20131127 (DE)

Application

EP 12701244 A 20120117

Priority

- DE 102011002991 A 20110121
- EP 2012050597 W 20120117

Abstract (en)

[origin: WO2012098091A1] In a method for secondarily locking at least one electrical contact (2) which is inserted into a contact chamber (7) and is primarily latched therein, the at least one electrical contact (2) is, according to the invention, primarily latched in its contact chamber (7) by means of an external latching tool (12) which engages in the contact chamber (7) through a lateral wall opening (11) in the contact chamber outer wall (10) from outside, and the electrical contact (2) is then secondarily locked in its contact chamber (7) before the external latching tool (12) is removed again. The associated contact latching system for an electrical plug connection comprises at least one electrical contact (2) which has an undercut (6) for a primary latching means, a contact chamber housing (1) which has at least one contact chamber (7) for insertion of the electrical contact (2), and at least one locking element (17) for secondarily locking the inserted electrical contact (2) against the fitting direction (3), wherein, according to the invention, a contact chamber outer wall (10) of the contact chamber (7) has a lateral wall opening (11) through which the undercut (6) in the inserted contact (2) is accessible from the outside.

IPC 8 full level

H01R 13/436 (2006.01); **H01R 43/22** (2006.01)

CPC (source: EP)

H01R 13/4361 (2013.01); **H01R 43/22** (2013.01)

Citation (search report)

See references of WO 2012098091A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012098091 A1 20120726; BR 112013017610 A2 20161220; CN 103299486 A 20130911; CN 103299486 B 20160831; DE 102011002991 A1 20120726; EP 2666209 A1 20131127; EP 2666209 B1 20180314; RU 2013138594 A 20150520

DOCDB simple family (application)

EP 2012050597 W 20120117; BR 112013017610 A 20120117; CN 201280005874 A 20120117; DE 102011002991 A 20110121; EP 12701244 A 20120117; RU 2013138594 A 20120117